

## ABSTRACT

A backlight system (300) includes a light guide plate(3024), a reflection plate (3023), a light source (3021) disposed at one side of the light guide plate, a diffusion plate (3025) and a reflection polarizer (3027), which lets light polarized in one certain direction pass, and reflects light polarized in a polarization direction perpendicular to the said certain direction. The reflection plate, the light guide plate, the diffusion plate, and the reflection polarizer are stacked up one on top of the other. A plurality of prisms (1) is disposed on a surface of the diffusion plate, which forms a plurality of V-shaped grooves(not labeled).